SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

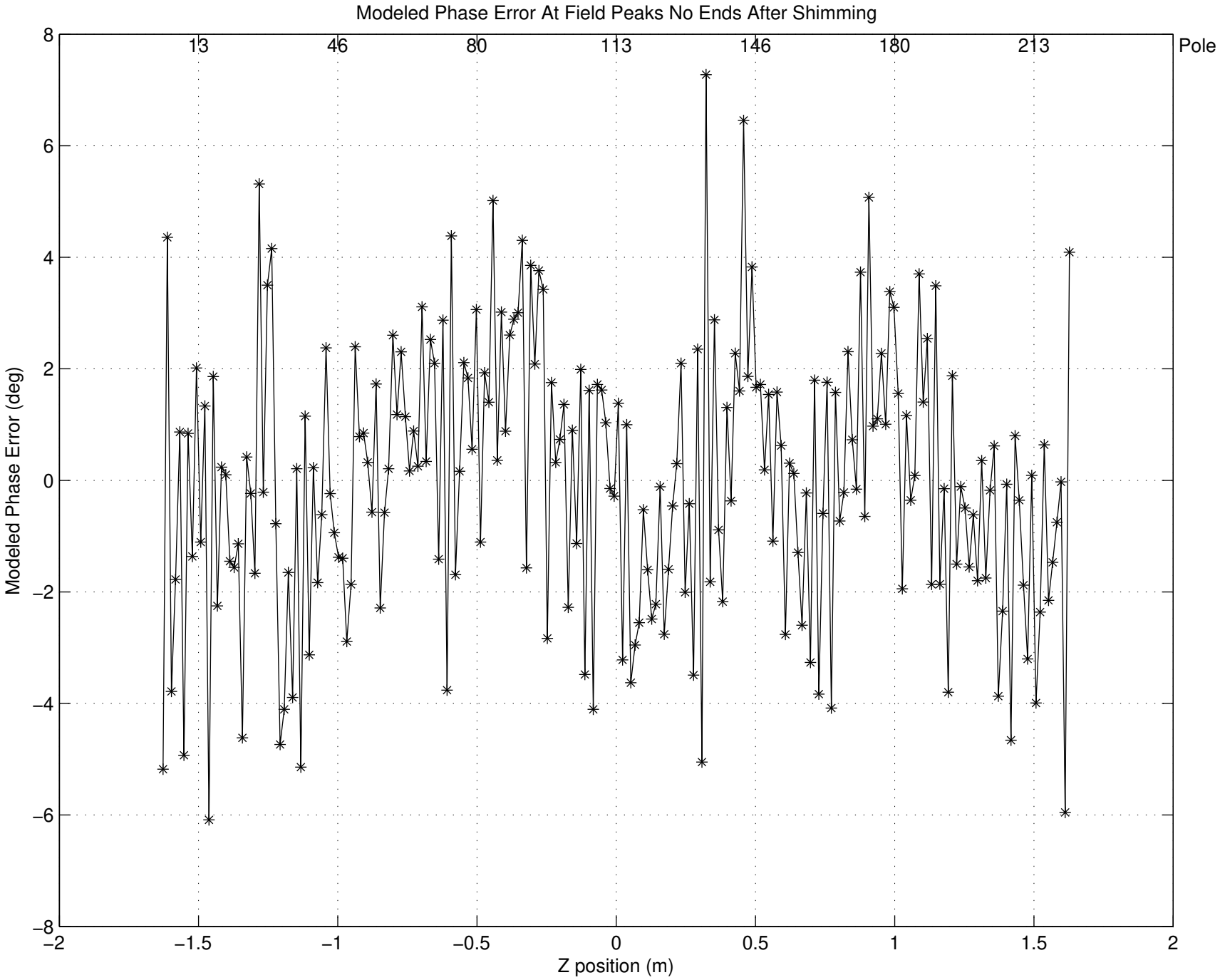
SLAC Magnetic Measurements
Date: 11−18−2011
Time: 09:01:44

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−17
DATASET Number: 3
Tuning Stage: Fine Tuning
Run Number: 4
Measurement Type: Z Scans
Operator: YL
Comment: at min K
Session first run: 3
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−17\DATASET0003\Fine Tuning\Z Scans\Run 004\bscanz.dat

Temperature (C)
L143−112000−17:−−> T1 19.96 −−> T2 19.95 −−> T5 19.90 −−> T3 19.94 −−> Air 19.97 −−> T4 19.92

Axes position (m) X:0.030037 Y:0.000249
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001053 V
Vy_0i = −0.003428 V



Phase Error: Ave = −0.000000 deg, RMS = 2.442805 deg